

ABSTRACT OF THE DISCLOSURE

A liquid crystal display includes a bottom substrate with thin film transistors and pixel electrodes, and a top substrate with a black matrix and color filters. Each pixel electrode has an opening pattern, and each color filter has a groove corresponding to the opening pattern. A common electrode is formed on the black matrix and the color filters, and vertical alignment layers are formed on the common electrode and the pixel electrodes, respectively. A liquid crystal layer bearing negative dielectric anisotropy is interposed between the substrates. The liquid crystal layer contains monomers, and a polymer is formed at the liquid crystal layer between the opening pattern of the pixel electrode and the groove of the color filter.

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